Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 11145-021US1	Application No. 10/503,038
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Göran Hjälm	
		Filing Date February 23, 2005	Group Art Unit 1652

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
IC	AA	4,946,778	08/07/90	Ladner et al.			
IC	AB	5,846,720	12/08/98	Foulkes et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
IC	AC	WO 97/25341	07/17/97	WIPO				X

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
IC	AD	GenBank Accession No. AB022017 dated 1/08/99, 2 pages
	AE	GenBank Accession No. AAH48980 dated 4/22/03, 2 pages
	AF	GenBank Accession No. NM_006251 dated 10/18/05, 8 pages
	AG	Cheung et al., "Characterization of AMP-activated protein kinase γ-subunit isoforms and their role in AMP binding," Biochem. J., 2000, 346:659-669
	AH	Cole et al., Monoclonal Antibodies and Cancer Therapy, 1983, Alan R. Liss, Inc., pp. 77-96
	AI	Collins, "Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences," Proc. Natl. Acad. Sci. USA, 2002, 99(26):16899-16903
	AJ	Cote et al., "Generation of human monoclonal antibodies reactive with cellular antigens," Proc. Natl. Acad. Sci. USA, 1983, 80:2026-2030
	AK	Davies et al., "Tissue distribution of the AMP-activated protein kinase, and lack of activation by cyclic-AMP-dependent protein kinase, studied using a specific and sensitive peptide assay," Eur. J. Biochem., 1989, 186:123-128
	AL	Engh and Bossemeyer, "The Protein Kinase Activity Modulation Sites: Mechanisms for Cellular Regulation – Targets for Therapeutic Intervention," Advan. Enzyme Regul., 2001, 41:121-149
	AM	Hardie and Carling, "The AMP-activated protein kinase. Fuel gauge of the mammalian cell?" Eur. J. Biochem., 1997, 246:259-273
	AN	Hardie et al., "The AMP-Activated/SNF1 Protein Kinase Subfamily: Metabolic Sensors of the Eukaryotic Cell?" Annu. Rev. Biochem., 1998, 67:821-855
	AO	Hardie and Hawley, "AMP-activated protein kinase: the energy charge hypothesis revisited," BioEssays, 2001, 23:1112-1119
	AP	Holmes et al., "Chronic activation of 5'-AMP-activated protein kinase increases GLUT-4, hexokinase, and glycogen in muscle," J. Appl. Physiol., 1999, 87(5):1990-1995
↓	AQ	Huse et al., "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda," Science, 1989, 246:1275-1281
IC	AR	International Human Genome Sequencing Consortium, Nature, 2001, 409:860-921

Examiner Signature	Date Considered
/Iqbal Chowdhury/ (07/27/2006)	

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Initial	Desig. ID	Document
IC	AS	Köhler and Milstein, "Continuous cultures of fused cells secreting antibody of predefined specificity," Nature, 1975, 256:495-497
	AT	Kozbor and Roder, "The production of monoclonal antibodies from human lymphocytes," Immunology Today, 1983, 4(3):72-79
	AU	Michell et al., "Isoform-specific Purification and Substrate Specificity of the 5'-AMP-activated Protein Kinase," J. Biol. Chem., 1996, 271(45):28445-28450
	AV	Winder and Hardie, "AMP-activated protein kinase, a metabolic master switch: possible roles in Type 2 diabetes," Am. J. Physiol., 1999, 277:E1-E10
IC	AW	Zhou et al., "Role of AMP-activated protein kinase in mechanism of metformin action," J. Clin. Invest., 2001, 108(8):1167-1174

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